

COPY

192144

Posted: toed

Form Approved
OMB Control No. 1902-0075
Expires 7/31/2009

Dept: SA. / OES

Date: 4/28/08 FERC Form No. 556

Time: 4:30 18 C.F.R. § 131.80

**CERTIFICATION OF QUALIFYING FACILITY STATUS FOR AN EXISTING
OR A PROPOSED SMALL POWER PRODUCTION OR COGENERATION
FACILITY**

PART A: GENERAL INFORMATION TO BE SUBMITTED BY ALL APPLICANTS

1a. Full name of applicant: [Note: Applicant is the legal entity submitting this form, not the individual employee making the filing. Generally, the Applicant will be a company, corporation or organization, unless the facility is owned directly by an individual or individuals.]

Greenville Gas Producers, LLC

Docket Number assigned to the immediately preceding submittal filed with the Commission in connection with the instant facility, if any: **None**

Purpose of instant filing (self-certification or self-recertification [18 C.F.R. § 292.207(a)(1)], or application for Commission certification or recertification [18 C.F.R. §§ 292.207(b) and (d)(2)]): **Self-certification**

1b. Full address of applicant:

**Greenville Gas Producers, LLC
10801 Monroe Road
Suite F
Matthews, NC 28105
(704.507.2881)**

RECEIVED

APR 28 2008

**PSC SC
DOCKETING DEPT.**

1c. Indicate the owner(s) of the facility (including the percentage of ownership held by any electric utility or electric utility holding company, or by any persons owned by either) and the operator of the facility.

(1) Identification of each direct owner

William P. Brinker and other future employees of the venture.

(2) No part of Greenville Gas Producers, LLC is owned by an electric utility or an electric utility holding company, or by any persons owned by either. This LLC is 100% owned by the above-named North Carolina and South Carolina citizens.

Greenville Gas Producers does not own any other generating facilities.

The facility will be operated by Greenville Gas Producers, LLC

Additionally, state whether or not any of the non-electric utility owners or their upstream owners are engaged in the generation or sale of electric power, or have any ownership or operating interest in any electric facilities other than qualifying facilities.

Except for stock ownership in publicly traded companies, no owner has any ownership or operating interest in any electric facilities other than qualifying facilities.

1d. Signature of authorized individual evidencing accuracy and authenticity of information provided by applicant: [Note: A signature on a filing shall constitute a certificate that (1) the signer has read the filing and knows its contents; (2) the contents are true as stated, to the best knowledge and belief of the signer; and (3) the signer possesses full power and authority to sign the filing.

GREENVILLE GAS PRODUCERS, LLC


WILLIAM P. BRINKER, Manager

2. Person to whom communications regarding the filed information may be addressed:

Name: **William P. Brinker**

Title: **Manager**

Telephone number: **704/507-2881**

Mailing address: **10801 Monroe Road, Suite F, Matthews, NC 28105**

3a. Location of facility to be certified: **1311 Anderson Ridge Road, Greenville, SC**

State: **South Carolina**

County: **Greenville**

City or town: **Greenville**

Street address (if known): **1311 Anderson Ridge Road**

3b. Indicate the electric utilities that are contemplated to transact with the qualifying facility (if known) and describe the services those electric utilities are expected to provide:

Duke Energy Carolinas

Indicate utilities interconnecting with the facility and/or providing wheeling service [18 C.F.R. §§ 292.303(c) and (d)]:

Duke Energy Carolinas

Indicate utilities purchasing the useful electric power output [18 C.F.R. §§ 292.101(b)(2), 292.202(g) and 292.303(a)]:

Duke Energy Carolinas

Indicate utilities providing supplementary power, backup power, maintenance power, and/or interruptible power service [18 C.F.R. §§ 292.101(b)(3), (b)(8), 292.303(b) and 292.305(b)]:

Duke Energy Carolinas

4a. Describe the principal components of the facility including boilers, prime movers and electric generators, and explain their operation. Include transmission lines, transformers and switchyard equipment, if included as part of the facility.

The Greenville Gas Producers' power generation facility is to be powered with landfill gas recovered by Greenville Gas Producers, LLC, from the Enoree landfill. The Greenville Gas Producers will utilize methane gas harvested from this landfill to fuel two Caterpillar 3520C landfill gas engines that can produce 1600 KW per hour each, and which employ Caterpillar's new clean burn technology.

4b. Indicate the maximum gross and maximum net electric power production capacity of the facility at the point(s) of delivery and show the derivation. [Note: Maximum gross output is the maximum amount of power that the facility is able to produce, measured at the terminals of the generator(s). Maximum net output is maximum gross output minus (1) any auxiliary load for devices that are necessary and integral to the power production process (fans, pumps, etc.), and (2) any losses incurred from the generator(s) to the point of delivery. If any electric power is consumed at the location of the QF (or thermal host) for purposes not related to the power production process, such power should not be subtracted from gross output for purposes of reporting maximum net output here.]

Gross output: **3.2 MW**

Net output: **3.15MW**

Derivation (assumptions about losses, auxiliary load or lack thereof, and calculation of gross and net output): The engines have some internal parasitic load which will vary due to daily/hourly temperature that can affect the pumps and fan efficiencies, especially in hotter weather.

4c. Indicate the actual or expected installation and operation dates of the facility, or the actual or expected date of completion of the reported modification to the facility:

The expected completion of installation and operational dates should be between July 1st and July 15th, 2008.

4d. Describe the primary energy input (e.g., hydro, coal, oil [18 C.F.R. § 292.202(l)], natural gas [18 C.F.R. § 292.202(k)], solar, geothermal, wind, waste, biomass [18 C.F.R. § 292.202(a)], or other). For a waste energy input that does not fall within one of the categories on the Commission's list of previously approved wastes, demonstrate that such energy input has little or no current commercial value and that it exists in the absence of the qualifying facility industry [18 C.F.R. § 292.202(b)].

Landfill methane

5. Provide the average annual hourly energy input in terms of Btu for the following fossil fuel energy inputs, and provide the related percentage of the total average annual hourly energy input to the facility [18 C.F.R. § 292.202(j)]. For any oil or natural gas fuel, use lower heating value [18 C.F.R. § 292.202(m)]:

Natural gas: **None**

Oil: **None**

Coal (applicable only to a small power production facility): **None**

6. Discuss any particular characteristic of the facility which the cogenerator or small power producer believes might bear on its qualifying status. **None**

PART B: DESCRIPTION OF THE SMALL POWER PRODUCTION FACILITY

Items 7 and 8 only need to be answered by applicants seeking certification as a small power production facility. Applicants for certification as a cogeneration facility may delete Items 7 and 8 from their application, or enter "N/A" at both items.

7. Describe how fossil fuel use will not exceed 25 percent of the total annual energy input

limit [18 C.F.R. §§ 292.202(j) and 292.204(b)]. Also, describe how the use of fossil fuel will be limited to the following purposes to conform to Federal Power Act section 3(17)(B): ignition, start-up, testing, flame stabilization, control use, and minimal amounts of fuel required to alleviate or prevent unanticipated equipment outages and emergencies directly affecting the public.

No fossil fuel will be used at this facility.

8. If the facility reported herein is not an eligible solar, wind, waste or geothermal facility, and if any other non-eligible facility located within one mile of the instant facility is owned by any of the entities (or their affiliates) reported in Part A at item 1c above and uses the same primary energy input, provide the following information about the other facility for the purpose of demonstrating that the total of the power production capacities of these facilities does not exceed 80 MW [18 C.F.R. § 292.204(a)]: [See definition of an “eligible facility” below. Note that an “eligible facility” is a specific type of small power production facility that is eligible for special treatment under the Wind, Waste and Geothermal Power Production Incentives Act of 1990, as subsequently amended in 1991, and should not be confused with facilities that are generally eligible for QF status.]

Facility name, if any (as reported to the Commission): N/A

Commission Docket Number: N/A

Name of common owner: N/A

Common primary energy source used as energy input: N/A

Power production capacity (MW): N/A

An eligible solar, wind, waste or geothermal facility, as defined in Section 3(17)(E) of the Federal Power Act, is a small power production facility that produces electric energy solely by the use, as a primary energy input, of solar, wind, waste or geothermal resources, for which either an application for Commission certification of qualifying status [18 C.F.R. § 292.207(b)] or a notice of self-certification of qualifying status [18 C.F.R. § 292.207(a)] was submitted to the Commission not later than December 31, 1994, and for which construction of such facility commences not later than December 31, 1999, or if not, reasonable diligence is exercised toward the completion of such facility, taking into account all factors relevant to construction of the facility.

PART C: DESCRIPTION OF THE COGENERATION FACILITY

Items 9 through 15 only need to be answered by applicants seeking certification as a cogeneration facility. Applicants for certification as a small power production facility may delete Items 9 through 15 from their application, or enter “N/A” at each item. **All are N/A.**